

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION OF PRIOR POWERS OF ATTORNEY WITH  
NEW POWERS OF ATTORNEY BY THE ASSIGNEE OF THE ENTIRE INTERESTS  
AND CHANGES OF CORRESPONDENCE ADDRESS**

As the assignee of record, owner of the assignee of record, or owner-of-right of the entire interest in each of the following applications and patents ("Assignee") through the following assignments recorded with the U.S. Patent and Trademark Office:

<b>Docket No.</b>	<b>Appl. No. / Patent No.</b>	<b>Filing Date / Issue Date</b>	<b>Title / Inventor(s)</b>	<b>Reel</b>	<b>Frame</b>
ANA-013	10/999,656 / 7,457,960	11-30-2004 / 11-25-2008	"Programmable Processor Supporting Secure Mode" / KABLOTSKY, Joshua	016040	0051
ANA-018	10/997,575	11-24-2004	"Video Data Encoder Employing Telecine Detection" / KABLOTSKY, Joshua	016029	0302
ANA-019	11/175,664	07-06-2005	"Method and System for Spreading and Scrambling Downlike Physical Channels" / ZHANG, Qian	017023	0693
ANA-022	11/056,890 / 7,194,156	02-11-2005 / 03-20-2007	"High Bit Rate Optical Communication Over Multimode Fibers" / DELIWALA, Shrenik	016816	0835
ANA-022C1	11/672,184 / 7,415,175	02-07-2007 / 08-19-2008	"High Bit Rate Optical Communication Over Multimode Fibers" / DELIWALA, Shrenik	019074	0622
ANA-031	11/363,683	02-28-2006	"Pixel Engine Architecture" / FRIEDMAN, Vladimir HENNEDY, Michael	017955	0152

Docket No.	Appl. No. / Patent No.	Filing Date / Issue Date	Title / Inventor(s)	Reel	Frame
ANA-032	11/565,028	11-30-2006	"Static Phase Adjust Using I.C Tanks With Offset Center Frequencies" / KENNEY, John G. REDDY, Viswabharath P.	018794	0927
ANA-033	11/958,626	12-18-2007	"Bidirectional Optical Link Over a Single Multimode Fiber or Waveguide" / DELIWALA, Shrenik	020809	0969
ANA-034	10/858,723	06-02-2004	"Variable Filter Systems And Methods For Enhanced Data Rate Communication Systems" / McMORROW, Robert J BLANCHARD, Roxann	015770	0381
ANA-035	11/403,801	04-13-2006	"Inter-Digitated Silicon Photodiode Based Optical Receiver on SOI" / DELIWALA, Shrenik	018042	0165
ANA-036	09/675,569 / 7,155,570	09-29-2000 / 12-26-2006	"IFO Write/LIFO Read Trace Buffer With Software and Hardware Loop Compression" / SINGH, Ravi P. , ROTH, Charles P. OVERKAMP, Gregory A.	011515 018891	0897 0599
ANQ-001	10/615,616 / 6,871,289	07-08-2003 / 03-22-2005	"Slew Rate Limited Reference For A Buck Converter" / PULLEN, Stuart GROOM, Terry J.	015054 021617 021617	0158 0678 0683
ANQ-002	10/615,458 / 7,106,566	07-08-2003 / 09-12-2006	"Power Adapter Interface Circuitry for Protecting a Battery Operated System" / LIU, Kwang H NEGRU, Sorin HSIEH, George CHEN, Jacky SHIH, Frank WU, Scott	014802 021617 021617	0852 0678 0683

Docket No.	Appl. No. / Patent No.	Filing Date / Issue Date	Title / Inventor(s)	Reel	Frame
ANQ-003	10/615,486 / 7,107,468	07-08-2003 / 09-12-2006	"Peak Current Sharing In a Multi-Phase Buck Converter Power System" / PULLEN, Stuart GROOM, Terry J.	014995 021617 021617	0247 0678 0683
ANQ-004	10/614,978 / 7,019,504	07-08-2003 / 03-28-2006	"Constant On-Time Controller for a Buck Converter" / PULLEN, Stuart GROOM, Terry J.	014791 021617 021617	0465 0678 0683
ANQ-005	10/272,538 / 6,798,177	10-15-2002 / 09-28-2004	"Boost-Buck Cascade Converter For Pulsating Loads" / LIU, Kwang H. NEGRU, Sorin L. SHIH, Fu-Yuan HSIEH, George	013609 021617 021617	0139 0678 0683
ANQ-006	10/193,381 / 6,861,824	07-10-2002 / 03-01-2005	"Charger System with Dual-Level Current Regulation and Dual-Level Thermal Regulation" / LIU, Kwang H. NEGRU, Sorin L. SHIH, Fu-Yuan	013397 021617 021617	0960 0678 0683
ANQ-007	10/414,952 / 6,903,535	04-16-2003 / 06-07-2005	"Biasing System and Method for Low Voltage DC-DC Converters With Built-In N-FETS" / LIU, Kwang H. NEGRU, Sorin L.	013971 021617 021617	0857 0678 0683
ANQ-008	11/349,741	02-07-2006	"Automatic Voltage Selection for Series Driven LEDs" / SHAMI, Hassan B. WHITWORTH, Adam John	017593 021617 021617	0879 0678 0683
ANQ-009	11/533,737	09-20-2006	"Driving Parallel Strings of Series Connected LEDs" / NEGRU, Sorin L.	019844 021617	0690 0683
ANQ-010	11/116,724	04-28-2005	"Method and IC Driver for Series Connected R, G, B LEDs" / NEGRU, Sorin L.	016525 021617 021617	0108 0678 0683

Docket No.	Appl. No. / Patent No.	Filing Date / Issue Date	Title / Inventor(s)	Reel	Frame
ANQ-011	11/097,663	04-01-2005	"Maximizing Efficiency of Battery-Powered Led Drivers" / EVANS, Michael WHITWORTH, Adam John	016197 016203 021617	0408 0416 0683
ANQ-012	11/349,732	02-07-2006	"Regulating Switching Regulators by Load Monitoring" / SHAMI, Hassan B.	017582 021617	0139 0683
ANQ-016	11/643,831 / 7,417,491	12-22-2006 / 08-26-2008	"Constant Current Output Charge Pump" / WU, Jean-Shin NEGRU, Sorin L.	018735 021617	0069 0683
ANQ-017	11/643,819	12-22-2006	"Low-Power Power-On Reset Circuit" / WU, Jean-Shin	018736 021617	0616 0683

all powers of attorney previously given are hereby revoked, and the attorneys and/or agents associated with **Customer Number 051414** are hereby appointed to prosecute and transact all business in the U.S. Patent and Trademark Office connected therewith.

The assignee and/or the owner also hereby grants additional Powers of Attorney to the attorneys and/or agents associated with **Customer Number 051414** to file and prosecute foreign national patent applications in any and all countries of the world, regional patent applications under the European Patent Convention, and/or international applications under the Patent Cooperation Treaty or the Paris Convention based upon the above-identified applications and patents, including a power to meet all designated office requirements for designated states.

The assignee of record, owner of the assignee of record, or owner-of-right of the entire interest in each of the above-identified patents or patent applications is:

Analog Devices, Inc.  
One Technology Way  
P. O. Box 9106  
Norwood, MA 02062-9106

All future correspondence for each of the above-identified applications should be sent to the correspondence address associated with **Customer Number 051414**, which is:

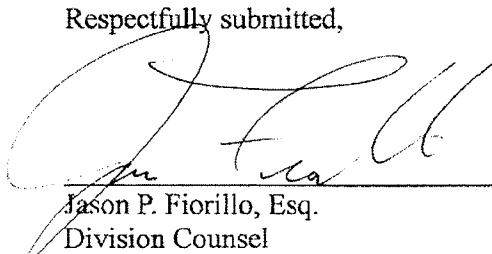
Patent Administrator  
Goodwin Procter LLP  
Exchange Place  
53 State Street  
Boston, MA 02109

**PLEASE ASSIGN PTO CUSTOMER NUMBER 051414 TO EACH OF THE ABOVE-  
IDENTIFIED APPLICATIONS**

The undersigned, whose title is supplied below, is authorized to act on behalf of the Assignee.

Respectfully submitted,

Dated: 1-9-09



\_\_\_\_\_  
Jason P. Fiorillo, Esq.  
Division Counsel  
Analog Devices, Inc.  
One Technology Way  
P. O. Box 9106  
Norwood, MA 02062-9106